

#14128  
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**OFFICIAL****FACSIMILE MESSAGE - PLEASE DELIVER PROMPTLY**

September 24, 2003

**TO:** Examiner Suryaprabha CHUNDURU  
Group 1637  
(703) 305-1004**FROM** Lin Sun-Hoffman, Ph.D.  
Celera Genomics Corp.  
(240) 453-3628**FAX NO:** (703) 305-3014**# OF PAGES (incl. cover):** 6

**Re:** U.S. Serial No. 09/619,049, filed July 18, 2000  
Entitled "ISOLATED DROSOPHILA PROTEINS ESSENTIAL FOR  
SURVIVAL, NUCLEIC ACID MOLECULES ENCODING ESSENTIAL  
DROSOPHILA PROTEINS, AND USES THEREOF AS INSECTICIDAL  
TARGETS"  
Atty. Docket No.: CL000735

As per my telephone conversation with you, attached are the documents filed on August 11, 2003, including the date-stamped receipt postcard. Please feel free to contact me should you have any further questions.

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#13128  
10/1/03  
PTO/SB/21 (03-03)

Approved for use through 04/30/2003, OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE


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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/619,049
	Filing Date	July 18, 2000
	First Named Inventor	Mark D. YANDELL
	Art Unit	1837
	Examiner Name	S. CHUNDURU
	Attorney Docket Number	CL000735
Total Number of Pages in This Submission	4	

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input checked="" type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Lin Sun-Hoffman, Ph.D., Registration No. 47,983
Signature	
Date	August 11, 2003

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____	
Typed or printed	
Signature	Date

This collection of information is required by 37 CFR 1.6. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL**  
**for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1250.00**Complete if Known**

Application Number	09/619,049
Filing Date	July 18, 2000
First Named Inventor	Mark D. YANDELL
Examiner Name	S. CHUNDURU
Art Unit	1637
Attorney Docket No.	CL000735

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

50-0970

Celera Genomics

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 620	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ 0)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>			<b>(\$ 0)</b>

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity, Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 60	2052 26	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	930.00
1253 630	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	320.00
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 1250.00)**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Lin Sun-Hoffman	Registration No. (Attorney/Agent)	47,983	Telephone	240-453-3628
Signature		Date	August 11, 2003		

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RECEIPT IS ACKNOWLEDGED IN THE

RK OFFICE:

at No.: CL000735

just 11, 2003

August 10, 2003 (Sunday)

mail

RECEIPT OF THE FOLLOWING IS ACKNOWLEDGED IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE:

Mark D. YANDELL  
In re Appln. Serial No. 09/619,049  
Title: ISOLATED DROSOPHILA PROTEINS  
ESSENTIAL FOR SURVIVAL, NUCLEIC  
ACID MOLECULES ENCODING  
ESSENTIAL DROSOPHILA PROTEINS,  
AND USES THEREOF AS INSECTICIDAL  
TARGETS

Atty Docket No.: CL000735

Date: August 11, 2003

Due Date: August 10, 2003 (Sunday)

- ☒ Transmittal
- ☒ Fee Transmittal
- ☒ Request for 3 Month Extension of Time
- ☒ Notice of Appeal



BOX: PATENT APPLICATION

Please date-stamp and return by mail

RE:

Mark D. YANDELL	Trans
In re Applr	Fee 1
Title: ISOL	Req
ESSENTIAL	Notic
ACID MOLE	
ESSENTIAL	
AND USES	
TARGETS	
	X
	X
	X
	X